

Gypsy Moth Management Allegheny National Forest

A. Administrative Matters

1. Planning for 1984 Activities

- a. Anticipated suppression acres and cost.
- b. Submit suppression acres and cost to FPM.
- c. Start preparing documentation.
 - (1) Evaluation - biological and damage trend
 - (2) Impact assessment of resources at risk
 - (3) Alternative actions identified
 - (4) Site selection criteria and action documented in writing
 - (5) Environmental statement and assessment
 - (6) Economic evaluation
 - (7) Project proposal
 - (8) Project organization, responsibilities
 - (9) Project safety plan
 - (10) Contracting for services
- d. Start informational activities.
 - (1) Inform and involve
 - (2) Public meetings for input to activities

2. Planning for Activities Beyond 1984

- a. Five years - 1985-1990.
- b. Input to ANF Forest Plan.
- c. Alteration possibly needed of ANF Forest Plan.

3. Coordination with PA-BOF

- a. Jointly plan details of GM mgt.
- b. Participate in 1984 GM activities for familiarization..

B. Technical Aspects of 1984 Activities

- 1. Surveillance - Limited use of pheromone traps.
- 2. Systematic Detection - Conduct aerial surveys for defoliation and ground check for cause.
- 3. Defoliation Mapping - Use high altitude OBC photography to delineate moderate and severe defoliation and determine area affected; tie the defoliation into TIMIS data base to determine if most favored host predominate in areas defoliated.
- 4. Monitoring - Establish a network of population monitoring sites on a grid network in selected contiguous stands of highly susceptible host species throughout the ANF to determine general population trends using "foci" concept; egg mass data would be used to anticipate the preliminary need for and extent of suppression activities at various locations.
- 5. Evaluation - Supplement monitoring network data with surveys for population and damage trends in nearby stands of all susceptibility types.
- 6. Impact - Merge population and damage trends with assessment of how management goal(s) would be compromised in order to reach final decision if suppression activities are warranted.
- 7. Critique - Ensure that results of population and damage trend with and without suppression activities are used to improve on future management and decisions for management actions.